



Robert Greene Sterne Edward J. Kessler Jorge A. Goldstein David K.S. Cornwell Robert W. Esmond Tracy-Gene G. Durkin Michael B. Ray Robert E. Sokohl Eric K. Steffe Michael O. Lee Steven R. Ludwig John M. Covert Linda E. Alcorn Robert C. Millonig Lawrence B. Bugaisky Donald J. Featherstone Michael V. Messinger Judith U. Kim
Timothy J. Shea, Jr.
Patrick E. Garrett
Heidi L. Kraus
Edward W. Yee
Albert L. Ferro*
Donald R. Banowit
Peter A. Jackman
Teresa U. Medler
Jeffrey S. Weaver
Kendrick P. Patterson
Vincent L. Capuano
Eldora Ellison Floyd
Thomas C. Fiala
Brian J. Del Bunno
Virgil Lee Beaston
Kimberly N. Reddick
Kheodore A. Wood

Elizabeth J. Haanes Joseph S. Ostroff Frank R. Cottingham Christine M. Lhulier Rae Lynn Prengaman Jane Shershenovich Lawrence J. Carroll' George S. Bardmesser Daniel A. Klein' Jason D. Eisenberg Michael D. Specht Andrea J. Kamage Tracy L. Muller' LuAnne M. DeSantis John J. Figueroa Ann E. Summerfield Tiera S. Costone' Aric W. Ledford' Michael D. Specht Jessica L. Parezo Timothy A. Doyle* Cynthia M. Bouchez Nicole D. Dretar* Ted J. Ebersole Registered Patent Age Karen R. Markowicz

Registered Patent Agents-Karen R. Markowicz Nancy J. Lieth Helene C. Carlson Gaby L. Longsworth Matthew J. Dowd Aaron L. Schwartz Mary B. Tug Kartina Y. Pei Quach Bryan L. Skelton Robert A. Schwartzman Jeresa A. Cotella
Jeffrey S. Lundgren
Victoria S. Rutherford
Eric D. Hayes
Michelle K. Holoubek
Robert H. DeSelms
Simon J. Elliott
Julie A. Heider
Mita Mukerjee
Scott M. Woodhouse
Of Counsel
Kenneth C. Bass III
Evan R. Smith
Marvin C. Guthrie
*Admitted only in Maryland
*Admitted only in Virginia
Practice Limited to
Federal Agencies

THE REAL PROPERTY.

June 16, 2004

WRITER'S DIRECT NUMBER: (202) 772-8578 INTERNET ADDRESS: TMEDLER@SKGF.COM

Art Unit 3752

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Application No. 10/726,482; Filed: December 4, 2003

For: Injection Molding Nozzle with Embedded and Removable Heaters

Inventor:

George Olaru

Our Ref:

2107.0340001/TUM

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Information Disclosure Statement;
- 2. Form PTO/SB/08a (7 sheets) listing 130 cited documents (AA1-AR1, BA1-BF1, AA2-AR2, BA2-BF2, AA3-AR3, BA3-BF3, AA4-AR4, BA4-BC4, AA5-AR5, AA6-AR6 and AA7);
- 3. A copy of the cited foreign patent documents (BA1-BF1, BA2-BF2, BA3-BF3 and BA4-BC4); and
- 4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents June 16, 2004 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

Sterne, Kessler, Goldstein & Fox P.L.L.C.

Teresa U. Medler

Attorney for Applicant Registration No. 44,933

TUM/BKB:kim Enclosures

275600.1



In re application of:

George Olaru

Appl. No.: 10/726,482

Filed: December 4, 2003

For: Injection Molding Nozzle with Embedded and Removable Heaters Confirmation No.: 7525

Art Unit: 3752

Examiner: To Be Assigned

Atty. Docket: 2107.0340001/TUM

Information Disclosure Statement

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO/SB/08a are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicant has listed publication dates on the attached PTO/SB/08a based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicant has checked the appropriate boxes below.

- 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this information disclosure statement.
- Z. Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application (CPA), OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, OR before the mailing date of a first Office Action on the merits OR before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.
- ☐ 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.

a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1). b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2). c. Attached is our PTO-2038 Credit Card Payment Form in the amount of \$ in payment of the fee under 37 C.F.R. § 1.17(p). 4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Enclosed find our PTO-2038 Credit Card Payment Form in the amount of \$ in payment of the fee under 37 C.F.R. § 1.17(p); in addition: a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was cited

in a communication from a foreign patent office in a counterpart foreign

application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

- b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- 5. The document(s) was/were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office is provided in satisfaction of the requirement for a concise explanation of relevance. 1138 OG 37, 38.

- 8. Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No.______, filed

which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

≥ 9. No copies of U.S. patents and patent application publications cited on the attached Form PTO/SB/08a are submitted in accordance with 1276 OG 55 because this application was filed after June 30, 2003.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO/SB/08a, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Teresa U. Medler Attorney for Applicant Registration No. 44,933

Date: ___June 16, 2004

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

275100_1.DOC

10/726,482

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Complete If Known

Application Number

Substitute from 1442. INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Filing Date December 4, 2003 First Named Inventor George Olaru AH Unit 3752 Examiner Name To Be Assigned

(Use as many sheets as necessary)

Sheet	1	of	7	Attorney Docket Number	2107.0340001/TUM

Examiner Initials*	Cite	Document Number	Publication Date	Name of Patentee	Pages, Columns, Lines, Where
	No. ¹	Number-Kind Code ^{2 (If Known)}	MM-DD-YYYY	or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
	AA1	US-2,088,586	08-03-1937	Cole et al.	
	AB1	US-2,378,530	06-19-1945	Bailie et al.	
	AC1	US-2,522,365	09-12-1950	Greene	
	AD1	US-2,769,201	11-06-1956	Lorenian	
-	AE1	US-2,794,504	06-04-1957	Carpenter	
	AF1	US-2,814,070	11-26-1957	Bulkley et al.	
	AG1	US-2,875,312	02-24-1959	Norton	
	AH1	US-2,987,300	06-06-1961	Greene	
	AI1	US-2,991,423	07-04-1961	Vackar	
	AJ1	US-3,062,940	11-06-1962	Bauer et al.	
	AK1	US-3,550,267	12-29-1970	Williams	
	AL1	US-3,553,788	01-12-1971	Putkowski	
·	AM1	US-3,677,682	07-18-1972	Putkowski	
	AN1	US-3,800,027	03-26-1974	Tsutsumi	
	AO1	US-3,812,323	05-21-1974	Pink	
	AP1	US-3,831,004	08-20-1974	Wallstrom	
	AQ1	US-3,849,630	11-19-1974	Halliday	
	AR1	US-3,911,251	10-07-1975	Day	

		F	DREIGN PATENT DOC	UMENTS		
Examiner Initials*	Cite No.¹	Foreign Patent Document Country Code ⁴ Kind Code ⁵ (in known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Te.
	BA1	DE 195 22 716 C1	09-16-1996	Schwarzkopf		
	BB1	DE 196 01 102 A1	07-17-1997	Boehmer		
	BC1	DE 197 23 374 A1	12-18-1997	Drach		
	BD1	DE 199 41 038 A1	03-01-2001	Gunther		
	BE1	DE 33 24 901 A1	01-24-1985	Schwarzkopf		
	BF1	DE 42 42 505 A1	06-23-1994	Schwarzkopf		
		1				

Examiner Signature	Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M PEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Better Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Applicant is to place a check mark here if English language Transaction is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

		perwork Reduction Act of	f 1995, no persons are	required to respond to a collection of in	nformation unless it displays a valid OMB control number.	
Substitute for form	1449A/PTO			Complete If Known		
				Application Number	10/726,482	
INFO	RMATION D	ISCLOSUR	E	Filing Date	December 4, 2003	
STA	TEMENT BY	APPLICAN	T	First Named Inventor	George Olaru	
0.70		Al I LIOAN	•	Art Unit	3752	
	(Use as many sheets	as necessary)		Examiner Name	To Be Assigned	
Sheet	2	of	7	Attorney Docket Number	2107.0340001/TUM	

Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant Passages
Initials*	No.¹	Number-Kind Code ^{2 (If Known)}	MM-DD-YYYY	Cited Document	or Relevant Figures Appear
	AA2	US-3,912,907	10-14-1975	Lodi	
	AB2	US-3,970,821	07-20-1976	Crandell	
	AC2	US-4,032,046	06-28-1977	Elliott et al.	
	AD2	US-4,120,086	10-17-1978	Crandell	
	AE2	US-4,238,671	12-09-1980	Gellert	
	AF2	US-4,268,241	05-19-1981	Rees et al.	
	AG2	US-4,304,544	12-08-1981	Crandell	
	AH2	US-4,373,132	02-08-1983	Vartanian	
	AI2	US-4,376,244	03-08-1983	Gellert	
	AJ2	US-4,386,262	05-31-1983	Gellert	
	AK2	US-4,403,405	09-13-1983	Gellert	
	AL2	US-4,438,064	03-20-1984	Tsutsumi	
- .	AM2	US-4,438,322	03-20-1984	Sylvia	
	AN2	US-4,451,974	06-05-1984	Gellert	
	AO2	US-4,485,387	11-27-1984	Drumheller	
	AP2	US-4,492,556	01-08-1985	Crandell	
	AQ2	US-4,501,550	02-26-1985	Nukkuni	
	AR2	US-4,516,927	05-14-1985	Yoshida	

· · ·		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ⁴ Kind Code ⁵ (in known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т ⁶
	BA2	DE 86 20 956.6 U1	11-27-1986	Unknown		
	BB2	DE 92 01 797.5 U1	05-21-1992	Unknown		
	BC2	EP 1 252 998 A2 & A3	10-30-2002	Bazzo et al.		
	BD2	EP 1 302 295 A3	05-21-2003	Babin et al.		
	BE2	EP 0 444 748 A1	09-04-1991	Van Boekel		
	BF2	EP 0 590 621 A1	04-06-1994	Schmidt		

Examiner Signature	Date
_	Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with M PEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04, 'Benter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Transaction is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO

NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
a collection of information unless it discause a wild OMB control.

Substitute for form 1449A/PTO				Complete If Known		
				Application Number	10/726,482	
INF	ORMATION D	ISCLOSUR	E	Filing Date	December 4, 2003	
1	TEMENT BY			First Named Inventor	George Olaru	
0.7	WEINER DI	Al I LIOAII	•	Art Unit	3752	
	(Use as many sheets	as necessary)		Examiner Name	To Be Assigned	
Sheet	3	of	7	Attorney Docket Number	2107.0340001/TUM	

Examiner Initials*	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant Passages
	No. ¹	Number-Kind Code ^{2 (If Known)}	MM-DD-YYYY	Cited Document	or Relevant Figures Appear
	AA3	US-4,557,685	12-10-1985	Gellert	
	AB3	US-4,583,284	04-22-1986	Gellert	
	AC3	US-4,588,367	05-13-1986	Schad	
	AD3	US-4,621,251	11-04-1987	Keefe	
	AE3	US-4,635,851	01-13-1987	Zeeman	
	AF3	US-4,641,423	02-10-1987	Crandell	
-	AG3	US-4,643,664	02-17-1987	Yoshida	
	AH3	US-4,644,140	02-17-1987	Hillinger	
	AI3	US-4,652,230	03-24-1987	Osuna-Diaz	_
	AJ3	US-4,704,516	11-03-1987	Tsutsumi	-
	AK3	US-4,711,625	12-08-1987	Knauer et al.	
	AL3	US-4,740,674	04-26-1988	Tsutsumi	
	AM3	US-4,768,283	09-06-1988	Gellert	
	AN3	US-4,771,164	09-13-1988	Gellert	
	AO3	US-4,795,126	01-03-1989	Crandell	
	AP3	US-4,837,925	06-13-1989	Gellert	
	AQ3	US-4,865,535	09-12-1989	Gellert	
	AR3	US-4,882,469	11-21-1999	Trakas	

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ⁴ Kind Code ⁵ (in known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	Т6
	BA3	EP 0 724 943 A1	08-07-1996	Guenther	Figures Appear	
	BB3	EP 0 748 678 A1	12-18-1996	Vorkoeper et al.		
	BC3	EP 0 765 728 A2 & A3	04-02-1997	Blank et al.		
	BD3	EP 0 963 829 A1	12-15-1999	Godwin et al.		
	BE3	FR 2 497 477 A1	07-09-1982	Hillinger		
	BF3	GB 2 044 162 A	10-15-1980	Gellert		
	t	1	I			I

Examiner Signature	Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with M PEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Benter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Transaction is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

	Under the Par	perwork Reduction Act of	it 1995, no persons are	required to respond to a collection of in	nformation unless it displays a valid OMB control number.	
Substitute for form 1449A/PTO				Complete If Known		
				Application Number	10/726,482	
INFO	RMATION D	ISCLOSUR	E	Filing Date First Named Inventor	December 4, 2003	
	STATEMENT BY APPLICANT				George Olaru	
0.70		/	•	Art Unit	3752	
	(Use as many sheets	as necessary)		Examiner Name	To Be Assigned	
Sheet	4	of	7	Attorney Docket Number	2107.0340001/TUM	

Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant Passages
Initials*	No. ¹	Number-Kind Code ^{2 (If Known)}	MM-DD-YYYY	Cited Document	or Relevant Figures Appear
	AA4	US-4,894,197	01-16-1990	Tsutsumi	
	AB4	US-4,899,435	02-13-1990	Trakas	
	AC4	US-4,906,360	03-06-1990	Trakas	
	AD4	US-4,911,636	03-27-1990	Gellert	
	AE4	US-4,940,870	07-10-1990	Shibata et al.	
	AF4	US-4,945,630	08-07-1990	Gellert	
	AG4	US-4,981,431	01-01-1991	Schmidt	
	AH4	US-4,988,848	01-29-1991	Trakas	
	AI4	US-5,046,942	09-10-1991	Gellert	
	AJ4	US-5,051,086	09-24-1991	Gellert	
	AK4	US-5,052,100	10-01-1991	Trakas	
	AL4	US-5,055,028	10-08-1991	Trakas	
	AM4	US-5,098,280	03-24-1992	Trakas	
	AN4	US-5,113,576	05-19-1992	van Boekel et al.	
	AO4	US-5,136,141	08-04-1992	Trakas	
	AP4	US-5,136,143	08-04-1992	Kutner et al.	
	AQ4	US-5,147,663	09-15-1992	Trakas	
·····	AR4	US-5,180,594	01-19-1993	Trakas	

Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ⁴ Kind Code ⁵ (in known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
	BA4	JP 64-58518	03-06-1989	Miyauchi		
	BB4	JP 7-323442 A	12-12-1995	Masashi		
	BC4	WO 01/15884 A2	03-08-2001	Van Boekel		

Examiner Signature	Date
	Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with M PEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Transaction is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Substitute for form 1449A/PTO Complete If Known Application Number 10/726,482 Filing Date December 4, 2003 INFORMATION DISCLOSURE First Named Inventor George Olaru STATEMENT BY APPLICANT Art Unit 3752 Examiner Name (Use as many sheets as necessary) To Be Assigned Attorney Docket Number Sheet 2107.0340001/TUM

Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant Passages
Initials*	No. ¹	Number-Kind Code ^{2 (If Known)}	MM-DD-YYYY	Cited Document	or Relevant Figures Appear
-	AA5	US-5,225,211	07-06-1993	Imaida, et al.	
	AB5	US-5,226,596	07-13-1993	Okamura	
	AC5	US-5,235,737	08-17-1993	Gellert	
	AD5	US-5,266,023	11-30-1993	Renwick	
	AE5	US-5,282,735	02-01-1994	Gellert	
	AF5	US-5,326,251	07-05-1994	Gellert	
	AG5	US-5,352,109	10-04-1994	Benenati	
	AH5	US-5,360,333	11-01-1994	Schmidt	
	AI5	US-5,411,392	05-02-1995	Von Buren	
	AJ5	US-5,411,393	05-02-1995	Askin et al.	
	AK5	US-5,456,592	10-10-1995	Shindo	
	AL5	US-5,504,304	04-02-1996	Noguchi et al.	
	AM5	US-5,527,177	06-18-1996	Potter	
	AN5	US-5,533,882	07-09-1996	Gessner et al.	
	AO5	US-5,614,233	03-25-1997	Gellert	
	AP5	US-5,704,113	01-06-1998	Mak	
	AQ5	US-5,820,900	10-13-1998	McGrevy	
	AR5	US-5,871,786	02-16-1999	Hume et al.	

			FOREIGN PATENT DOC	UMENIS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ⁴ Kind Code ⁵ (in known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T _e
			-			
	-					

Examiner Signature	Date	
	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M PEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. This for Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Standard ST.3). For Japanese patent document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Transaction is attached.

here it English language Transaction is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0551-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form	Substitute for form 1449A/PTO			Complete If Known		
				Application Number	10/726,482	
INFO	RMATION D	ISCLOSUR	E	Filing Date First Named Inventor	December 4, 2003	
STA	STATEMENT BY APPLICANT				George Olaru	
0.7		Al I DIOAII	•	Art Unit	3752	
(Use as many sheets as necessary)				Examiner Name	To Be Assigned	
Sheet	6	of	7	Attorney Docket Number	2107.0340001/TUM	

Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant Passages
Initials*	No. ¹	Number-Kind Code ^{2 (If Known)}	MM-DD-YYYY	Cited Document	or Relevant Figures Appear
	AA6	US-5,879,727	03-09-1999	Puri	
	AB6	US-5,955,120	09-21-1999	Deissler	
	AC6	US-5,973,296	10-26-1999	Juliano et al.	
	AD6	US-6,040,528	03-21-2000	Kitamura, et al.	
	AE6	US-6,043,466	03-28-2000	Jenko <i>et al</i> .	
	AF6	US-6,162,043	12-19-2000	Gellert	
	AG6	US-6,163,016	12-19-2000	Johnson et al.	
	AH6	US-6,164,954	12-26-2000	Mortazavi et al.	
	AI6	US-6,220,851	04-24-2001	Jenko	
	AJ6	US-6,305,923	10-23-2001	Godwin et al.	
	AK6	US-6,309,207	10-30-2001	Kalemba	
	AL6	US-6,323,465	11-27-2001	Gellert et al.	
	AM6	US-6,343,925	02-05-2002	Jenko	
	AN6	US-6,394,784	05-28-2002	Gellert et al.	
	AO6	US-6,409,497	06-25-2002	Wurstlin	
	AP6	US-6,609,902	08-26-2003	Blais	
	AQ6	US-6,619,948	09-16-2003	Gunther	
	AR6	US-2002/0160075 A1	10-31-2002	Bazzo et al.	

			FOREIGN PATENT DOC	CUMENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ⁴ Kind Code ⁵ (in known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

Examiner Signature	Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M PEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
The Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Signal of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark the property of the patent document. The property of the patent document under WIPO Standard ST.16 if possible. Applicant is to place a check mark the property of the patent document.

serial number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO standard \$1.10 it possible. "Applicant is to place a cleck trark here if English language Transaction is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Substitute for form 1449A/PTO				Complete If Known		
				Application Number	10/726,482	
INFO	RMATION D	ISCLOSUR	E	Filing Date	December 4, 2003	
	TEMENT BY			First Named Inventor	George Olaru	
OIA	I E IVI E IVI E I	AI I LIVAII	•	Art Unit	3752	
(Use as many sheets as necessary)				Examiner Name	To Be Assigned	
Sheet	7	of	7	Attorney Docket Number	2107.0340001/TUM	

Examiner Initials*	Cite No.1	Document Number	Publication Date	Name of Patentee	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures
		Number-Kind Code ^{2 (If Known)}	MM-DD-YYYY	or Applicant of Cited Document	or Relevant Figures Appear
	AA7	US-2003/0003188	01-02-2003	Gunther	
	_				
					_
					
·					

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ⁴ Kind Code ⁵ (in known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶	

Examiner Signature	Date Considered
•	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M PEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Transaction is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.